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PENNSYLVANIA EMPLOYMENT AND EARNINGS

A STATEWIDE SUMMARY OF
LEVELS AND TRENDS

DATA FOR JUNE 1987

JOB SERVICE

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COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF LABOR AND INDUSTRY
In cooperation with the United States Bureau of Labor Statistics

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– EXPLANATORY –

INDUSTRY EMPLOYMENT

Employment data refer to persons on establishment payrolls who received pay for any part of the pay period which includes the 12th of the month. The data exclude proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers in households. Salaried officers of corporations are included. Government employment covers only civilian employees; Federal military personnel are excluded from the estimates of total nonagricultural employment.

Persons on an establishment payroll who are on paid sick leave (when pay is received directly from the firm), on paid holiday or paid vacation, or who work during any part of the pay period and are unemployed or on strike during the rest of the period, are counted as employed. Not counted as employed are persons who, during the pay period which includes the 12th, are laid off, on leave without pay or on strike for the entire period, or who are hired but do not report to work during the period.

INDUSTRY HOURS AND EARNINGS

Hours and earnings data are derived from reports of payroll and man-hours for production and related workers in mining and manufacturing, construction workers in contract construction, and nonsupervisory employees in all other industries in the private sector. When the reported pay period exceeds one week, the payroll and man-hour figures are reduced to a weekly basis.

AVERAGE HOURLY AND WEEKLY EARNINGS

Average hourly earnings for manufacturing and nonmanufacturing industries are on a "gross" basis, reflecting not only changes in basic hourly rates, but also such variable factors as premium pay for overtime and shift work, and changes in output of workers paid on an incentive plan. Excluded from average earnings are: irregular bonuses, retroactive items, payments of various welfare benefits, and payroll taxes paid by employers.

THE "LINK RELATIVE" TECHNIQUE

From a sample of establishments, which reported for both the previous and current months, the ratio of current month employment to that of the previous month is computed. The estimates of employment for the current month are obtained by multiplying the estimates for the previous month by these "link relatives ".

At the aggregate industry-level, i.e., divisions and groups, employment is the sum of the employment estimates for component industries. Annual average employment is the sum of the monthly estimates divided by 12.

Each year employment estimates are compared with comprehensive counts of employment, which provide annual "benchmarks" for the various industries defined as nonagricultural, and appropriate adjustments are made as indicated. The primary source of benchmark information is the employment data, by industry, compiled quarterly by State agencies from reports of establishments covered under State unemployment insurance laws.

This report is prepared by the Research and Statistics Division.
Refer queries, in writing, to:
PENNSYLVANIA OFFICE OF EMPLOYMENT SECURITY
COOPERATING REPRESENTATIVE
U.S. BUREAU OF LABOR STATISTICS
LABOR AND INDUSTRY BUILDING - ROOM 1200
HARRISBURG, PENNSYLVANIA 17121
or telephone: 717 – 787-6466

PENNSYLVANIA EMPLOYMENT AND EARNINGS
SECOND QUARTER 1987

COMMONWEALTH SECOND QUARTER UNEMPLOYMENT RATE REPRESENTS THIRTEEN-YEAR LOW

Seasonally adjusted unemployment among Commonwealth residents averaged 310,000 during the second quarter of 1987, a decline of 15,000 since first quarter and 100,000 below the level recorded during the same period one year ago. Responding to the decline in jobless volume, the seasonally adjusted rate of unemployment moved downward to 5.5 percent, the lowest quarterly rate since third quarter 1974. As measured by the Current Population Survey and released by the Bureau of Labor Statistics of the U.S. Department of Labor, the 5.5 percent rate was 1.7 percentage points below the 7.2 percent of second quarter 1986 and was 0.7 percentage point lower than the national rate in the comparable current quarter.

An analysis of most recent monthly data reveals an increase in the volume of Pennsylvania joblessness by 18,000 to 320,000 in June. This development in combination with a slight downturn in resident employment caused the adjusted unemployment rate to rise by 0.3 percentage point to 5.7 percent, still 1.1 percentage points below the rate recorded one year ago. Despite the most recent upturn, primarily the result of a larger than normal influx of students into the job market following the close of another school term, the current Pennsylvania rate marks the sixth sub-six percent occurrence over the past seven months. Equally impressive is the fact that for thirteen consecutive months the Commonwealth's adjusted rate has remained below that of the nation.

Unemployment, not adjusted for seasonality, rose a substantial 54,000 since May to total 354,000 in June. In comparison, during June 1986 there were 419,000 Commonwealth residents out of work and seeking employment. Given the fact that June's advance in unemployment has been greater than normal, the occurrence was not totally unexpected. Often, when labor market conditions are favorable, the economy attracts new entrants into the labor force. Hence, the relatively low statewide joblessness of the past several months coupled with a flood of students into the job market resulted in a robust boost of the labor force by 124,000. While employment rose 70,000, the labor market could not accommodate the larger influx, thus unemployment rose more than the seasonal norm.

MAY UNEMPLOYMENT RANKING HIGHLIGHTS

* Pennsylvania's May unemployment rate (not seasonally adjusted) of 5.4 percent placed the Commonwealth 29th among all states. Louisiana's 11.2 percent jobless rate was highest nationally while New Hampshire's 2.4 percent was the low.

* Preliminary May unemployment rates among the Commonwealth's 15 Metropolitan Statistical Areas (MSAs) varied from a low of 2.4 percent in Lancaster to a high of 9.3 percent in the Beaver County PMSA.

* At the national level the U.S. Bureau of Labor Statistics ranks 269 MSAs each month on the basis of their unemployment rate. In May the McAllen-Edinburg-Mission (Texas) MSA's jobless rate of 16.2 percent was enough to take the high point nationally over Houma-Thibodaux (Louisiana) at 15.5 percent while the Iowa City (Iowa) MSA recorded the low of 1.4 percent.

* Pennsylvania's MSAs displayed representation at both ends of the jobless rate ranking spectrum. Among all MSAs Lancaster continued to fare extremely well; with unemployment at 2.4 percent, it ranked 266th (out of 269 areas) while Beaver County's 11.2 percent placed this PMSA tied for 28th on the list.

RESIDENT EMPLOYMENT HIGHEST JUNE EVER

The number of employed Pennsylvanians, not adjusted for seasonality, reached a record high for the month as June's figure of 5,359,000 was highest June ever as well as third highest employment volume ever. Behind only 1986's totals of 5,423,000 in August and 5,398,000 in July, June 1987's employment level was 70,000 above both the month-ago and year-ago levels of 5,289,000. Seasonally adjusted employment among Commonwealth residents was down slightly from May's all-time high of 5,319,000 and, at 5,310,000, was second only to the month-ago level. One year ago, seasonally adjusted employment totaled 5,241,000.

JOB RECORDS SET IN JUNE
TOTAL NONFARM JOBS, NONMANUFACTURING, SERVICES, CONSTRUCTION, FINANCE, INSURANCE AND REAL ESTATE, AND WHOLESALE TRADE ALL ACHIEVE NEW EMPLOYMENT PEAKS

Boosted by strong advances within the nonmanufacturing sector, total jobs supplied by business establishments throughout the Commonwealth soared to record heights for the second consecutive month, preliminary figures indicate. Gaining 32,200 jobs since the report week in mid-May, nonagricultural wage and salary employment totaled 4,955,600 in June, marking the fifth consecutive month that job levels have risen in Pennsylvania. Last year at this time, Commonwealth firms supplied 4,832,700 jobs, 122,900 less than the most current total. While Pennsylvania's sustained job advances are becoming the rule of late, this month's surge is particularly significant in that the 32,200 gain is more than twice the normal rise for this time of year.

Jobs within the manufacturing sector rose by 9,400, the seasonal norm, during June to a total of 1,045,500. While the recent curtailment of job erosion within this division is a somewhat positive sign, the May-June job gain is

typical for this time of year and, based upon one month's preliminary data, does not represent a major turnaround in the manufacturing job trend. In fueling the net monthly rise, both the durable and nondurable goods lines had beneficial impact as job gains of 4,600 and 4,800, respectively, were forthcoming. Within durables, both primary and fabricated metals led the way boosting payrolls by 1,000 and 1,100 jobs respectively. Despite these gains, the primary metals line, at 91,600 jobs currently, remains 1,600 off year-ago levels, while fabricated metals, at 89,600 in June, is 2,300 below the figure of June 1986. Nondurable goods are those items expected to last less than three years and account for approximately 43 percent of all manufacturing jobs. During June, industry lines within this division displaying significantly growth were: paper products, food, textiles, and apparel. These industries combined for a net job gain of 3,500 as other relatively smaller increases were spread among many of the remaining nondurable lines.

The transition of Pennsylvania's economy toward nonmanufacturing continues to be readily apparent in the June statistics. With heated job activity among several lines (noted below), it is not surprising that all-time high employment levels in this division are being recorded. Hence, the recent June 1987 nonmanufacturing net job count of 3,908,200 is highest ever. Services, a driving force of Pennsylvania's economy, once again provided much of the strength with another record shattering performance despite a sharp seasonal drop in educational services. In the final tally the net service line added 5,600 to payrolls (no job volume change is normal May to June), this due to solid gains within health, business, recreation, and legal services. At 1,277,900 in June, total services jobs accounted for 32 percent of all nonmanufacturing as well as one fourth of all jobs in the Commonwealth. Contract construction also achieved an all-time high in June at 234,100 jobs, this primarily the result of increases within general building and special trade contractors. Finance, insurance, and real estate, currently at its peak job count of 291,100, displayed a gain of 3,900 since May due to job rises within banking and insurance carriers. Wholesale trade, also achieving a job record in June, rose 2,600 since May to a level of 272,200. Retail trade, while not at record levels, actually added more jobs (8,100) than its counterpart in June to total 871,200.

JUNE FACTORY WORKWEEK MOVES TO 41.1 HOURS
HOURLY RATE AT $9.94

Pennsylvania's 710,400 manufacturing production workers averaged $408.53 per week during the report period in June, up $4.97 since May and $17.62 more than was earned during June 1986. Average weekly hours advanced since May by 0.4 of an hour to a 41.1 hour workweek. Last year at this time, average hours were 40.3. Hourly earnings among Commonwealth production workers hit $9.94 in June, up 2 cents since May...24 cents since June 1986.

Within durable goods industries statewide, a June workweek of 42.2 hours combined with hourly earnings of $10.66 to yield average weekly earnings of $449.85. Production workers in the Commonwealth's nondurable goods industries worked an average of 39.8 hours per week, earned $8.97 per hour and saw an average of $357.01 in their June weekly paychecks.

UNITED STATES & PENNSYLVANIA
UNEMPLOYMENT RATES
(SEASONALLY ADJUSTED)

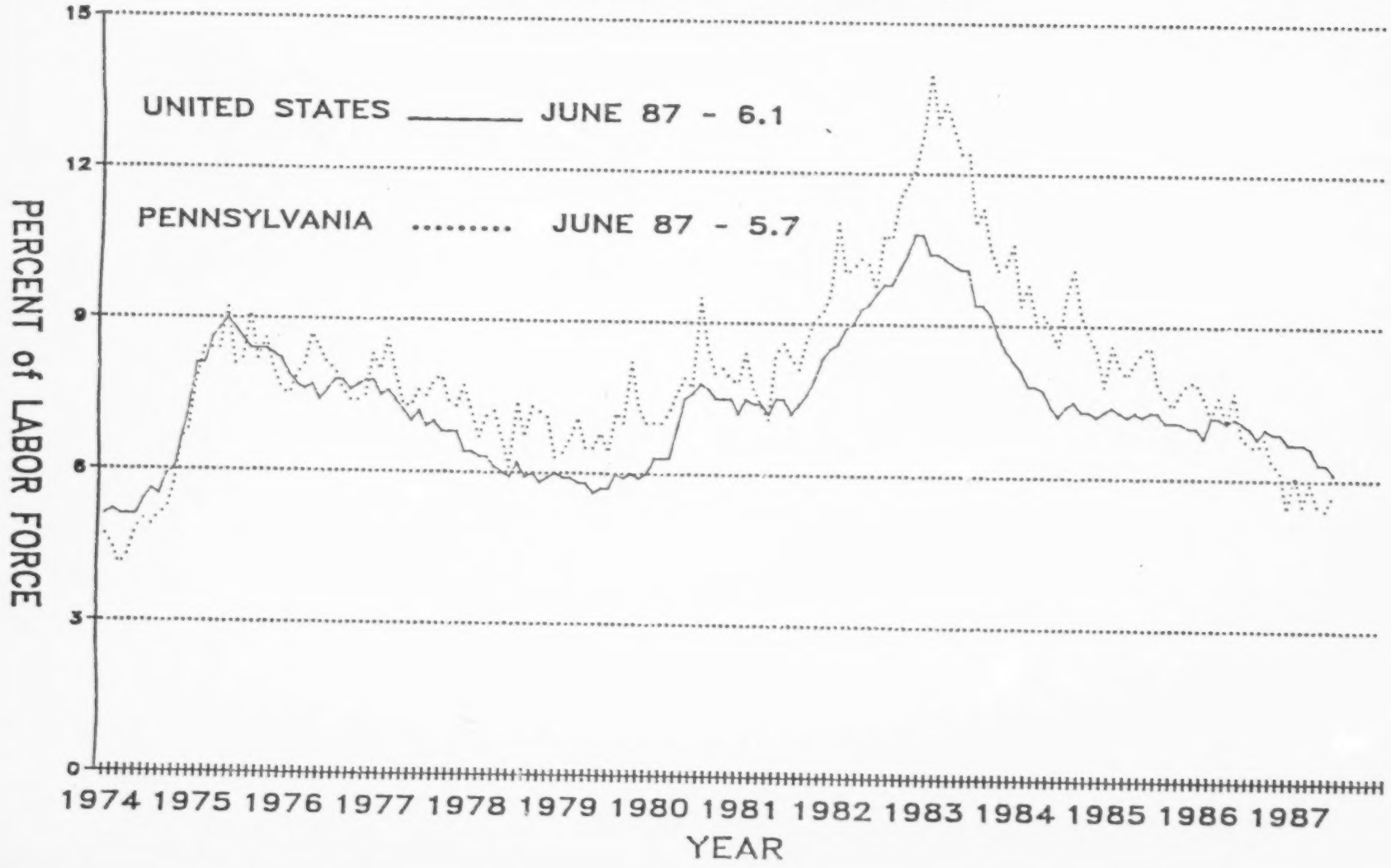

TABLE 1

TOTAL CIVILIAN LABOR FORCE
EMPLOYMENT AND UNEMPLOYMENT IN PENNSYLVANIA
(All Persons in Thousands)

RESIDENT DATA*	JUNE 1987 P/	MAY 1987	JUNE 1986	NET CHANGE FROM: MAY 1987	NET CHANGE FROM: JUNE 1986
UNADJUSTED DATA					
Civilian Labor Force	5713.0	5589.0	5707.0	124.0	6.0
Employment	5359.0	5289.0	5289.0	70.0	70.0
Unemployment	354.0	300.0	419.0	54.0	-65.0
Unemployment Rate (%)	6.2	5.4	7.3	0.8	-1.1
SEASONALLY ADJUSTED DATA					
Civilian Labor Force	5630.0	5621.0	5625.0	9.0	5.0
Employment	5310.0	5319.0	5241.0	-9.0	69.0
Unemployment	320.0	302.0	384.0	18.0	-64.0
Unemployment Rate(%)	5.7	5.4	6.8	0.3	-1.1

TABLE 2
QUARTERLY AVERAGE UNEMPLOYMENT VOLUME AND RATE BY MAJOR LABOR MARKET AREAS:
SECOND QUARTER 1986 AND 1987, FIRST QUARTER 1987

LABOR MARKET AREA	SECOND QUARTER 1987 UNEMP. NUMBER	SECOND QUARTER 1987 UNEMP. RATE	FIRST QUARTER 1987 UNEMP. NUMBER	FIRST QUARTER 1987 UNEMP. RATE	SECOND QUARTER 1986 UNEMP. NUMBER	SECOND QUARTER 1986 UNEMP. RATE
UNITED STATES	7,435.0	6.2	8,416.0	7.1	8,349.0	7.1
PENNSYLVANIA	310.0	5.5	349.0	6.4	416.0	7.3
ALLENTOWN-BETHLEHEM MSA	13.9	4.5	16.4	5.4	26.8	8.3
ALTOONA MSA	4.1	7.0	4.9	8.8	5.9	9.9
BEAVER COUNTY MSA	6.4	10.3	6.7	11.0	8.8	13.3
ERIE MSA	9.2	7.2	10.6	8.6	12.0	9.3
HARRISBURG-LEB.-CARLISLE MSA	9.9	3.2	11.7	3.9	16.2	5.3
JOHNSTOWN MSA	7.5	8.1	9.2	10.1	11.1	11.5
LANCASTER MSA	5.3	2.5	5.8	2.8	7.6	3.7
PHILADELPHIA PMSA	106.8	4.5	112.0	4.8	132.2	5.6
PITTSBURGH PMSA	65.4	6.9	73.8	8.0	79.1	8.3
READING MSA	7.2	4.3	8.5	5.2	13.2	7.8
SCRANTON--WILKES-BARRE MSA	22.6	6.7	27.2	8.2	30.1	8.7
SHARON MSA	3.2	6.5	4.4	9.1	4.2	8.3
STATE COLLEGE MSA	2.9	5.1	3.1	5.6	3.6	6.3
WILLIAMSPORT MSA	2.7	4.8	3.9	7.1	4.2	7.4
YORK MSA	8.2	4.0	8.6	4.3	12.1	5.8

FOOTNOTES:

P/ Data are preliminary and subject to revision.
Resident Data are workers by place of residence. They include wage and salary workers, self-employed and unpaid family workers and persons involved in labor managements disputes.

TABLE 3

PENNSYLVANIA AND UNITED STATES EMPLOYMENT DATA
ANNUAL AVERAGES: 1972-1986, MONTHLY DATA: APRIL 1986 - JUNE 1987
AND QUARTERLY AVERAGES: 1986 AND 1987
(Employment and Unemployment in Thousands)

	Pennsylvania					United States				
YEAR	CIVILIAN LABOR FORCE	TOTAL EMP.	TOTAL UNEMP.	UNADJ. UNEMP. RATE	SEA.ADJ. UNEMP. RATE	CIVILIAN LABOR FORCE	TOTAL EMP.	TOTAL UNEMP.	UNADJ. UNEMP. RATE	SEA.ADJ UNEMP. RATE
1972	4,886	4,622	265	5.4		87,034	82,153	4,882	5.6	
1973	5,001	4,758	242	4.8		89,429	85,064	4,365	4.9	
1974	5,054	4,794	259	5.1		91,949	86,794	5,156	5.6	
1975	5,098	4,674	423	8.3		93,775	85,846	7,929	8.5	
1976	5,129	4,723	407	7.9		96,158	88,752	7,406	7.7	
1977	5,207	4,806	401	7.7		99,009	92,017	6,991	7.1	
1978	5,306	4,938	368	6.9		102,251	96,048	6,202	6.1	
1979	5,360	4,990	371	6.9		104,962	98,824	6,137	5.8	
1980	5,435	5,010	425	7.8		106,940	99,303	7,637	7.1	
1981	5,484	5,026	459	8.4		108,670	100,397	8,273	7.6	
1982	5,489	4,889	599	10.9		110,204	99,526	10,678	9.7	
1983	5,505	4,855	650	11.8		111,550	100,834	10,717	9.6	
1984	5,478	4,980	498	9.1		113,544	105,005	8,539	7.5	
1985	5,528	5,084	443	8.0		115,461	107,150	8,312	7.2	
1986	5,634	5,248	386	6.8		117,835	109,598	8,237	7.0	
1986 APR.	5,607	5,214	392	7.0	7.1	116,317	108,201	8,115	7.0	7.1
MAY	5,667	5,231	433	7.7	7.7	117,199	109,041	8,158	7.0	7.2
JUNE	5,707	5,289	417	7.3	6.8	119,644	110,869	8,775	7.3	7.1
JULY	5,787	5,398	387	6.7	6.7	120,303	111,832	8,471	7.0	7.0
AUG.	5,790	5,423	364	6.3	6.6	119,471	111,515	7,955	6.7	6.8
SEP.	5,677	5,312	362	6.4	6.8	118,244	110,229	8,015	6.8	7.0
OCT.	5,650	5,325	322	5.7	6.3	118,699	110,857	7,842	6.6	6.9
NOV.	5,600	5,266	332	6.0	6.2	118,623	110,751	7,872	6.6	6.9
DEC.	5,479	5,220	256	4.7	5.4	118,049	110,588	7,461	6.3	6.7
1987 JAN	5,490	5,131	359	6.5	6.1	117,703	109,084	8,620	7.3	6.7
FEB	5,427	5,078	349	6.4	5.5	117,967	109,464	8,503	7.2	6.7
MAR	5,446	5,106	340	6.2	5.9	118,353	110,229	8,124	6.9	6.6
APR.	5,459	5,164	295	5.4	5.5	118,347	111,041	7,306	6.2	6.3
MAY	5,589	5,289	300	5.4	5.4	119,695	112,377	7,318	6.1	6.3
JUNE	5,713	5,359	354	6.2	5.7	121,153	113,498	7,655	6.3	6.1
1986										
1st QTR.	5,547	5,099	448	8.1	7.5	115,822	107,096	8,727	7.5	7.1
2nd QTR.	5,660	5,245	416	7.3	7.2	117,720	109,370	8,349	7.1	7.1
3rd QTR.	5,751	5,378	373	6.5	6.7	119,339	111,192	8,147	6.8	6.9
4th QTR.	5,576	5,270	306	5.5	6.0	118,457	110,732	7,725	6.5	6.9
1987										
1st QTR.	5,454	5,105	349	6.4	5.8	118,008	109,592	8,416	7.1	6.7
2nd QTR.	5,587	5,271	316	5.7	5.5	119,732	112,305	7,426	6.2	6.2

TABLE 4
NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN PENNSYLVANIA
BY INDUSTRY LINE: SECOND QUARTER 1987
(Employment in thousands)

INDUSTRY LINE	JUNE 1987 P/	MAY 1987	APR 1987	JUNE 1986	---NET CHANGE--- MAY 1987	JUNE 1986
NONAGRICULTURAL WAGE AND SALARY	4955.6	4923.4	4880.7	4832.7	32.2	122.9
MANUFACTURING INDUSTRIES	1045.5	1036.1	1034.4	1060.8	9.4	-15.3
DURABLE GOODS	593.2	588.6	587.3	605.1	4.6	-11.9
LUMBER AND WOOD PRODUCTS	29.6	29.1	28.6	27.4	0.5	2.2
MILLWORK,PLYWOOD & STRUCTURE	9.9	9.6	9.3	8.7	0.3	1.2
OTHER LUMBER & WOOD PRODUCTS	19.7	19.5	19.3	18.7	0.2	1.0
FURNITURE AND FIXTURES	20.7	20.6	20.4	20.8	0.1	-0.1
HOUSEHOLD FURNITURE	8.9	9.0	8.9	8.6	-0.1	0.3
OFFICE FURNITURE	4.9	4.9	4.9	5.3	0.0	-0.4
OTHER FURNITURE & FIXTURES	6.9	6.7	6.6	6.9	0.2	0.0
STONE, CLAY, AND GLASS PRODS.	48.7	48.0	47.5	48.3	0.7	0.4
GLASS, PRESSED OR BLOWN	11.6	11.5	11.5	11.8	0.1	-0.2
GLASS CONTAINERS	5.6	5.5	5.5	5.8	0.1	-0.2
PRESSED & BLOWN GLASS,NEC	6.0	6.0	6.0	6.0	0.0	0.0
CEMENT, HYDRAULIC	2.1	2.0	2.0	2.1	0.1	0.0
STRUCTURAL CLAY	5.1	4.9	4.8	5.1	0.2	0.0
POTTERY & RELATED PRODUCTS	3.4	3.4	3.4	3.4	0.0	0.0
CONCRETE, GYPSUM & PLASTER	9.5	9.3	8.9	8.6	0.2	0.9
OTHER STONE, CLAY & GLASS	17.0	16.9	16.9	17.3	0.1	-0.3
PRIMARY METALS	91.6	90.6	89.4	93.2	1.0	-1.6
BLAST FURNACE & BASIC STEEL	56.9	56.3	55.2	58.8	0.6	-1.9
BLAST FURN. & STEEL MILLS	48.6	48.1	47.1	50.2	0.5	-1.6
OTHER BASIC STEEL PRODUCTS	8.3	8.2	8.1	8.6	0.1	-0.3
IRON AND STEEL FOUNDRIES	10.2	10.2	10.1	10.0	0.0	0.2
NONFERROUS ROLLING & DRAWING	12.3	12.1	12.0	12.0	0.2	0.3
NONFERROUS FOUNDRIES	5.4	5.3	5.4	5.5	0.1	-0.1
OTHER PRIMARY METALS	6.8	6.7	6.7	6.9	0.1	-0.1
FABRICATED METAL PRODUCTS	89.6	88.5	88.5	91.9	1.1	-2.3
METAL CANS & SHIPPING CONTRS	2.6	2.5	2.5	2.6	0.1	0.0
CUTLERY, TOOLS & HARDWARE	5.7	5.6	5.6	5.3	0.1	0.4
PLUMBING & HEATING, EXC. EL.	2.4	2.4	2.4	2.2	0.0	0.2
FAB. STRUCTURAL METAL PROD.	32.9	32.3	32.3	33.4	0.6	-0.5
FAB. STRUCTURAL METAL	5.3	5.2	5.3	5.3	0.1	0.0
FAB. PLATE WORK	7.4	7.3	7.3	7.9	0.1	-0.5
OTHER FAB. STRUC. PRODUCTS	20.2	19.8	19.7	20.2	0.4	0.0
SCREW MACHINERY PRODUCTS	6.3	6.3	6.3	6.1	0.0	0.2
METAL FORGINGS & STAMPINGS	14.0	13.8	13.9	15.6	0.2	-1.6
METAL SERVICES & ORDNANCE	7.8	7.9	7.7	8.5	-0.1	-0.7
MISC. FABRICATED METAL PROD.	17.9	17.7	17.8	18.2	0.2	-0.3

P\ Preliminary data, subject to revision.

TABLE 4 (cont'd.)
NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN PENNSYLVANIA
BY INDUSTRY LINE: SECOND QUARTER 1987
(Employment in thousands)

INDUSTRY LINE	JUNE 1987 P/	MAY 1987	APR 1987	JUNE 1986	---NET CHANGE--- MAY 1987	JUNE 1986
VALVES & PIPE FITTINGS	6.9	6.8	6.9	7.0	0.1	-0.1
OTHER MISC. FAB. METALS	11.0	10.9	10.9	11.2	0.1	-0.2
NONELECTRICAL MACHINERY	103.5	103.2	102.8	107.6	0.3	-4.1
ENGINES AND TURBINES	2.6	2.6	2.6	3.3	0.0	-0.7
FARM & GARDEN MACHINERY	3.1	3.0	3.0	3.0	0.1	0.1
CONSTRUCTION & RELATED MACH.	15.7	15.4	15.4	16.5	0.3	-0.8
METAL WORKING MACHINERY	16.0	16.0	16.1	16.9	0.0	-0.9
SPECIAL INDUSTRIAL MACHINERY	8.2	8.5	8.5	8.9	-0.3	-0.7
GENERAL INDUSTRIAL MACHINERY	19.9	19.8	19.6	20.5	0.1	-0.6
OFFICE & COMPUTER MACHINERY	13.6	13.6	13.3	13.9	0.0	-0.3
REFRIG. & SERV. MACHINERY	9.1	9.1	9.1	8.9	0.0	0.2
MISC. MACHINERY, EXC. ELEC.	15.3	15.2	15.2	15.7	0.1	-0.4
ELECTRIC AND ELECTRONIC MACH.	93.2	93.4	94.6	98.2	-0.2	-5.0
ELECTRICAL DISTRIBUTING EQ.	6.4	6.6	6.7	7.4	-0.2	-1.0
ELECTRICAL INDUSTRIAL APPAR.	15.5	15.5	15.5	16.3	0.0	-0.8
HOUSEHOLD APPLIANCES	2.8	2.8	2.7	2.7	0.0	0.1
ELECTRICAL LIGHTING & WIRING	18.4	18.3	18.5	19.3	0.1	-0.9
CURRENT CARRYING DEVICES	10.9	10.7	10.7	11.0	0.2	-0.1
OTHER LIGHTING & WIRING	7.5	7.6	7.8	8.3	-0.1	-0.8
COMMUNICATION EQUIPMENT	11.2	11.2	11.2	10.5	0.0	0.7
ELECTRONIC COMPONENTS & ACC.	29.7	30.0	30.7	32.9	-0.3	-3.2
OTHER ELECTRICAL EQUIPMENT	9.2	9.0	9.3	9.1	0.2	0.1
TRANSPORTATION EQUIPMENT	60.1	59.4	59.6	60.3	0.7	-0.2
MOTOR VEHICLES AND EQUIPMENT	23.0	22.6	22.7	22.7	0.4	0.3
MOTOR VEHICLE PARTS & ACC.	11.1	10.9	10.8	10.0	0.2	1.1
OTHER MOTOR VEHICLES & EQ.	11.9	11.7	11.9	12.7	0.2	-0.8
AIRCRAFT AND PARTS	11.5	11.1	11.1	10.6	0.4	0.9
SHIP & BOAT BUILDING & REPR.	3.0	2.9	2.7	2.0	0.1	1.0
RAILROAD EQUIPMENT	7.3	7.3	7.4	9.6	0.0	-2.3
OTHER TRANSPORTATION EQUIP.	15.3	15.5	15.7	15.4	-0.2	-0.1
INSTRUMENTS AND RELATED PROD.	34.8	34.8	35.1	36.0	0.0	-1.2
MEASURING & CONTROLLING DEV.	15.1	15.2	15.3	15.7	-0.1	-0.6
MEDICAL INSTRUMENTS & SUPPL.	10.5	10.4	10.6	11.1	0.1	-0.6
OTHER INSTRUMENTS & RELATED	9.2	9.2	9.2	9.2	0.0	0.0
MISCELLANEOUS MANUFACTURES	21.4	21.0	20.8	21.4	0.4	0.0
NONDURABLE GOODS	452.3	447.5	447.1	455.7	4.8	-3.4
FOOD AND KINDRED PRODUCTS	90.0	89.1	88.4	89.4	0.9	0.6
MEAT PRODUCTS	14.2	14.1	14.3	14.1	0.1	0.1
DAIRY PRODUCTS	10.9	10.7	10.3	10.6	0.2	0.3
FLUID MILK	5.4	5.4	5.3	5.4	0.0	0.0
OTHER DAIRY PRODUCTS	5.5	5.3	5.0	5.2	0.2	0.3

P\ Preliminary data, subject to revision.

TABLE 4 (cont'd.)
NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN PENNSYLVANIA
BY INDUSTRY LINE: SECOND QUARTER 1987
(Employment in thousands)

INDUSTRY LINE	JUNE 1987 P/	MAY 1987	APR 1987	JUNE 1986	---NET CHANGE--- MAY 1987	JUNE 1986
PRESERVED FRUIT & VEGETABLES	11.7	11.4	11.3	11.1	0.3	0.6
CANNED FRUITS & VEGETABLES	3.7	3.6	3.7	3.5	0.1	0.2
OTHER PRES. FRUITS & VEGS.	8.0	7.8	7.6	7.6	0.2	0.4
GRAIN MILL PRODUCTS	5.7	5.7	5.7	5.8	0.0	-0.1
BAKERY PRODUCTS	16.7	16.6	16.3	16.5	0.1	0.2
SUGAR & CONFECTION PRODUCTS	13.1	12.8	13.0	13.0	0.3	0.1
BEVERAGES	7.7	7.7	7.5	8.3	0.0	-0.6
OTHER FOOD & KINDRED PRODS.	10.0	10.1	10.0	10.0	-0.1	0.0
TOBACCO PRODUCTS	0.8	0.8	0.8	1.8	0.0	-1.0
TEXTILE PRODUCTS	31.6	31.1	30.9	30.8	0.5	0.8
WEAVING MILLS SYNTHETICS	4.2	4.2	4.1	3.8	0.0	0.4
KNITTING MILLS	12.4	12.2	12.2	12.9	0.2	-0.5
KNIT OUTERWEAR MILLS	5.0	4.9	4.9	5.5	0.1	-0.5
KNIT UNDERWEAR MILLS	3.4	3.3	3.3	3.4	0.1	0.0
OTHER KNITTING MILLS	4.0	4.0	4.0	4.0	0.0	0.0
FLOOR COVERING MILLS	3.7	3.7	3.7	3.4	0.0	0.3
YARN AND THREAD MILLS	2.6	2.5	2.5	2.6	0.1	0.0
OTHER TEXTILE MILL PRODUCTS	8.7	8.5	8.4	8.1	0.2	0.6
APPAREL AND RELATED PRODUCTS	88.7	87.8	89.1	94.2	0.9	-5.5
MENS AND BOYS SUITS & COATS	11.8	11.7	11.8	12.2	0.1	-0.4
MENS AND BOYS FURNISHINGS	14.7	14.7	14.6	15.8	0.0	-1.1
WOMENS AND MISSES OUTERWEAR	36.1	35.7	37.0	39.7	0.4	-3.6
WOMENS & KIDS UNDERGARMENTS	9.9	9.8	9.8	10.1	0.1	-0.2
CHILDRENS OUTERWEAR	6.4	6.1	6.1	6.2	0.3	0.2
OTHER APPAREL & TEXTILE PROD	9.8	9.8	9.8	10.2	0.0	-0.4
PAPER PRODUCTS	41.6	40.4	39.9	41.5	1.2	0.1
PAPER MILLS, EXC. BUILDING	9.9	9.8	9.7	10.0	0.1	-0.1
PAPERBOARD CONTAINER & BOXES	12.6	12.3	12.2	12.6	0.3	0.0
CORRUGATED & SOLID BOXES	6.7	6.5	6.5	6.7	0.2	0.0
OTHER PAPERBOARD PRODUCTS	5.9	5.8	5.7	5.9	0.1	0.0
OTHER PAPER & ALLIED PRODS.	19.1	18.3	18.0	18.9	0.8	0.2
PRINTING AND PUBLISHING	81.6	81.4	81.7	79.2	0.2	2.4
NEWSPAPERS	23.1	23.1	23.2	22.8	0.0	0.3
COMMERCIAL PRINTING	29.5	29.4	29.4	28.4	0.1	1.1
OTHER PRINTING & PUBLISHING	29.0	28.9	29.1	28.0	0.1	1.0
CHEMICAL AND ALLIED PRODUCTS	58.8	58.4	58.1	58.7	0.4	0.1
INDUSTRIAL INORGANICS	10.0	9.8	9.9	10.5	0.2	-0.5
PLASTIC MATERIALS & SYNTHET.	8.0	7.8	7.8	7.7	0.2	0.3
DRUGS	19.9	20.0	19.8	19.7	-0.1	0.2
SOAPS, CLEANERS & TOILET GDS	3.6	3.6	3.6	3.7	0.0	-0.1
PAINTS AND ALLIED PRODUCTS	4.0	3.9	3.8	3.8	0.1	0.2
OTHER CHEMICAL & ALLIED PROD	13.3	13.3	13.2	13.3	0.0	0.0

P\ Preliminary data, subject to revision.

TABLE 4 (cont'd.)
NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN PENNSYLVANIA
BY INDUSTRY LINE: SECOND QUARTER 1987
(Employment in thousands)

INDUSTRY LINE	JUNE 1987 P/	MAY 1987	APR 1987	JUNE 1986	---NET CHANGE--- MAY 1987	JUNE 1986
PETROLEUM AND COAL PRODUCTS	11.1	10.8	10.6	11.2	0.3	-0.1
PETROLEUM REFINING	7.9	7.7	7.7	8.5	0.2	-0.6
OTHER PETROLEUM & COAL PRODS	3.2	3.1	2.9	2.7	0.1	0.5
RUBBER AND PLASTICS PRODUCTS	37.8	37.6	37.5	38.0	0.2	-0.2
TIRES AND INNER TUBES	1.0	1.0	0.9	1.0	0.0	0.0
FABRICATED RUBBER PRODUCTS	4.0	4.0	4.0	4.2	0.0	-0.2
OTHER RUBBER & PLASTICS PROD	32.8	32.6	32.6	32.8	0.2	0.0
LEATHER PRODUCTS	10.3	10.1	10.1	10.9	0.2	-0.6
FOOTWEAR, EXC. RUBBER	7.9	7.7	7.7	8.4	0.2	-0.5
OTHER LEATHER PRODUCTS	2.4	2.4	2.4	2.5	0.0	-0.1
NONMANUFACTURING INDUSTRIES	3908.2	3885.4	3844.6	3765.5	22.8	142.7
MINING	31.5	31.5	31.4	34.2	0.0	-2.7
ANTHRACITE COAL	2.4	2.4	2.4	2.5	0.0	-0.1
BITUMINOUS COAL & LIGNITE	19.9	20.0	20.1	22.1	-0.1	-2.2
NONMETALLIC MINERALS	5.3	5.2	4.9	5.2	0.1	0.1
OTHER MINING AND QUARRYING	3.9	3.9	4.0	4.4	0.0	-0.5
CONTRACT CONSTRUCTION	234.1	224.0	211.3	213.1	10.1	21.0
GENERAL BUILDING CONTRACTORS	68.3	64.6	61.4	57.9	3.7	10.4
HEAVY CONSTRUCT. CONTRACTORS	41.9	40.1	36.0	38.0	1.8	3.9
SPECIAL TRADE CONTRACTORS	123.9	119.3	113.9	117.2	4.6	6.7
TRANSPORTATION	139.4	140.0	138.3	139.4	-0.6	0.0
RAILROAD TRANSPORTATION	20.4	20.4	19.4	21.4	0.0	-1.0
ALL OTHER TRANSPORTATION	119.0	119.6	118.9	118.0	-0.6	1.0
PUBLIC UTILITIES	105.7	104.8	104.6	97.7	0.9	8.0
COMMUNICATIONS	50.4	50.4	50.5	43.3	0.0	7.1
ELECTRIC, GAS AND SANITARY	55.3	54.4	54.1	54.4	0.9	0.9
ELECTRIC SERVICES	27.0	26.8	26.8	27.1	0.2	-0.1
GAS PRODUCTION & DIST.	8.7	8.4	8.4	8.8	0.3	-0.1
WHOLESALE TRADE	272.2	269.6	267.9	1097.5	2.6	-825.3
DURABLE GOODS TRADE	172.1	169.9	168.6	163.1	2.2	9.0
NONDURABLE GOODS TRADE	100.1	99.7	99.3	97.3	0.4	2.8
RETAIL TRADE	871.2	863.1	848.7	837.1	8.1	34.1
GENERAL MERCHANDISE STORES	128.3	127.4	125.8	122.9	0.9	5.4
DEPARTMENT STORES	112.9	112.2	110.7	108.3	0.7	4.6
OTHER RETAIL GEN. MERCHAN.	15.4	15.2	15.1	14.6	0.2	0.8
FOOD STORES	149.5	149.2	148.6	146.2	0.3	3.3
AUTO DEALERS & SERVICE STAT.	95.5	94.3	93.2	89.6	1.2	5.9
APPAREL AND ACCESSORY STORES	48.2	48.0	47.6	47.3	0.2	0.9

P\ Preliminary data, subject to revision.

TABLE 4 (cont'd.)
NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN PENNSYLVANIA
BY INDUSTRY LINE: SECOND QUARTER 1987
(Employment in thousands)

INDUSTRY LINE	JUNE 1987 P/	MAY 1987	APR 1987	JUNE 1986	---NET CHANGE--- MAY 1987	JUNE 1986
EATING AND DRINKING PLACES	265.2	260.7	253.5	259.2	4.5	6.0
MISCELLANEOUS RETAIL TRADE	115.7	115.6	113.8	109.5	0.1	6.2
FINANCE,INSURANCE AND REAL EST	291.1	287.2	285.1	280.0	3.9	11.1
BANKING	90.3	89.3	89.1	87.6	1.0	2.7
COMMERCIAL & STOCK SAVINGS	83.0	82.1	81.8	80.1	0.9	2.9
OTHER BANKING	7.3	7.2	7.3	7.5	0.1	-0.2
INSURANCE CARRIERS	83.4	82.9	82.5	79.7	0.5	3.7
LIFE INSURANCE	31.8	31.7	31.7	31.0	0.1	0.8
FIRE, MARINE & CASUALTY INS	33.4	33.2	33.0	31.6	0.2	1.8
OTHER FIN.,INS.& REAL ESTATE	73.0	71.3	70.0	71.3	1.7	1.7
SERVICE AND MISCELLANEOUS	1277.9	1272.3	1264.6	1223.6	5.6	54.3
HOTELS & LODGING PLACES	55.8	53.8	49.9	54.1	2.0	1.7
BUSINESS SERVICES	216.4	214.1	211.9	200.1	2.3	16.3
AMUSEMENT & RECREATION SERV.	49.2	42.6	36.1	48.4	6.6	0.8
HEALTH SERVICES	418.3	414.0	412.3	401.8	4.3	16.5
HOSPITALS	227.9	225.5	225.0	222.5	2.4	5.4
OTHER HEALTH SERVICES	121.9	120.9	120.0	113.2	1.0	8.7
LEGAL SERVICES	37.5	36.0	35.8	34.3	1.5	3.2
EDUCATIONAL SERVICES	130.1	144.0	153.2	128.8	-13.9	1.3
SOCIAL SERVICES	82.7	82.2	81.2	76.6	0.5	6.1
MISCELLANEOUS SERVICES	58.7	58.6	58.7	56.2	0.1	2.5
ENGINEERING & ARCHITECTURE	35.2	35.1	34.9	34.2	0.1	1.0
OTHER SERVICES, NEC	229.2	227.0	225.5	223.3	2.2	5.9
GOVERNMENT	685.1	692.9	692.7	680.0	-7.8	5.1
FEDERAL	141.2	140.6	139.4	139.8	0.6	1.4
STATE	139.3	148.7	152.8	136.4	-9.4	2.9
STATE EDUCATION	32.3	42.8	47.1	28.0	-10.5	4.3
OTHER STATE GOVERNMENT	107.0	105.9	105.7	108.4	1.1	-1.4
LOCAL	404.6	403.6	400.5	403.8	1.0	0.8
LOCAL EDUCATION	237.9	245.6	244.2	236.8	-7.7	1.1
OTHER LOCAL GOVERNMENT	166.7	158.0	156.3	167.0	8.7	-0.3
PERSONS IN LABOR-MGMT. DISPUTES	1.9	1.9	1.7	6.4	0.0	-4.5

TABLE 5
SELECTED PENNSYLVANIA EMPLOYMENT INDICES
(Not seasonally adjusted) 1977 = 100.0

INDUSTRY TITLE	JUN. 1987 P\	MAY 1987	APR. 1987	JUN. 1986	[----- ANNUAL AVERAGE ----- 1986	1985	1980	1975]
ALL MANUFACTURING	77.91	77.21	77.08	79.05	78.2	81.2	99.0	99.5
PRIMARY METALS	45.89	45.39	44.79	46.69	45.4	52.2	95.3	103.0
APPAREL	66.19	65.52	66.49	70.30	69.6	74.8	92.6	99.0
ALL NONMANUFACTURING	121.25	120.54	119.28	116.82	116.2	113.0	106.3	96.2
CONSTRUCTION	127.30	121.81	114.90	115.88	110.1	101.7	103.4	100.3
RETAIL TRADE	121.47	120.34	118.34	116.72	116.4	113.4	103.7	93.5
SERVICES	148.16	147.51	146.62	141.87	141.2	135.2	112.9	92.6
GOVERNMENT	96.37	97.47	97.44	95.65	95.6	95.7	101.7	101.5

P/= Preliminary data, subject to revision

TABLE 6
ACTUAL AND REAL GROSS EARNINGS OF
MANUFACTURING PRODUCTION WORKERS IN PENNSYLVANIA
ANNUAL AVERAGES

YEAR	WEEKLY EARNINGS	WEEKLY HOURS	HOURLY EARNINGS	HOURLY EARNINGS INDEX (1967=100)	U.S. CONSUMER PRICE INDEX	REAL WEEKLY EARNINGS	LOSSES DUE TO INFLATION
1972	154.42	39.8	3.88	137.6	125.3	123.24	31.18
1973	167.23	40.2	4.16	147.5	133.1	125.64	41.59
1974	180.97	39.6	4.57	162.1	147.7	122.53	58.44
1975	193.22	38.8	4.98	176.6	161.2	119.86	73.36
1976	210.11	39.2	5.36	190.1	170.5	123.23	86.88
1977	231.08	39.5	5.85	207.4	181.5	127.32	103.76
1978	254.80	40.0	6.37	225.9	195.3	130.47	124.33
1979	278.10	39.9	6.97	247.2	217.4	127.92	150.18
1980	294.49	38.8	7.59	269.1	246.8	119.32	175.17
1981	325.36	39.2	8.30	294.3	272.4	119.44	205.92
1982	331.39	38.4	8.63	306.0	289.1	114.63	216.76
1983	350.84	39.2	8.95	317.4	298.4	117.57	233.27
1984	373.06	40.2	9.28	329.1	311.1	119.92	253.14
1985	381.84	39.9	9.57	339.4	322.2	118.51	263.33
1986	391.55	40.2	9.74	345.4	328.4	119.23	272.32

TABLE 7
EMPLOYMENT,MANHOURS AND PAYROLLS OF
MANUFACTURING PRODUCTION WORKERS IN PENNSYLVANIA
(in thousands)

INDUSTRY LINE	JUNE 1987 P\	MAY 1987	APRIL 1987	JUNE 1986
EMPLOYMENT DATA:				
MANUFACTURING INDUSTRIES	710.4	702.6	701.3	720.1
DURABLE GOODS	395.9	391.5	390.0	402.4
NONDURABLE GOODS	314.5	311.1	311.3	317.7
WEEKLY MANHOURS:				
MANUFACTURING INDUSTRIES	29,226.9	28,620.6	28,174.0	29,020.9
DURABLE GOODS	16,710.9	16,297.7	16,106.9	16,581.3
NONDURABLE GOODS	12,516.0	12,322.9	12,067.1	12,439.6
WEEKLY PAYROLLS:				
MANUFACTURING INDUSTRIES	$290,428.4	$284,024.0	$279,581.8	$281,585.0
DURABLE GOODS	$178,164.0	$173,164.2	$171,119.5	$173,843.1
NONDURABLE GOODS	$112,264.4	$110,859.8	$108,462.3	$107,741.9

P/ = June data are preliminary and subject to revision.

TABLE 8
AVERAGE HOURS AND EARNINGS OF MANUFACTURING PRODUCTION WORKERS
IN PENNSYLVANIA BY INDUSTRY LINE: SECOND QUARTER 1987

INDUSTRY TITLE	AVERAGE WEEKLY EARNINGS				AVG WEEKLY HOURS				AVG HOURLY EARNINGS			
	JUNE 1987 P\	MAY 1987	APR 1987	JUNE 1986	JUNE 1987 P\	MAY 1987	APR 1987	JUNE 1986	JUNE 1987 P\	MAY 1987	APR 1987	JUNE 1986
MANUFACTURING INDUSTRIES	408.53	403.74	398.78	390.91	41.1	40.7	40.2	40.3	9.94	9.92	9.92	9.70
DURABLE GOODS	449.85	442.21	438.61	431.78	42.2	41.6	41.3	41.2	10.66	10.63	10.62	10.48
LUMBER AND WOOD PRODUCTS	364.59	355.69	356.55	324.39	43.3	42.7	42.7	40.6	8.42	8.33	8.35	7.99
MILLWORK,PLYWOOD & STRUCTURE	367.74	357.98	380.16	362.51	41.6	41.1	43.2	42.3	8.84	8.71	8.80	8.57
OTHER LUMBER & WOOD PRODUCTS	362.94	354.53	344.71	307.63	44.1	43.5	42.4	39.9	8.23	8.15	8.13	7.71
FURNITURE AND FIXTURES	352.97	345.20	336.02	345.37	40.9	40.0	39.3	40.3	8.63	8.63	8.55	8.57
HOUSEHOLD FURNITURE	308.80	296.42	286.51	291.83	40.0	38.9	38.1	37.9	7.72	7.62	7.52	7.70
OFFICE FURNITURE	378.25	380.16	362.84	364.75	39.9	39.6	38.6	40.8	9.48	9.60	9.40	8.94
OTHER FURNITURE & FIXTURES	403.99	397.62	397.85	410.64	43.3	42.3	42.1	43.5	9.33	9.40	9.45	9.44
STONE, CLAY, AND GLASS PRODS.	440.06	438.18	440.66	428.33	42.6	42.5	42.7	42.2	10.33	10.31	10.32	10.15
GLASS, PRESSED OR BLOWN	448.10	445.95	456.46	430.76	41.8	41.6	42.7	41.3	10.72	10.72	10.69	10.43
GLASS CONTAINERS	485.14	487.21	520.20	445.94	41.5	41.5	45.0	40.8	11.69	11.74	11.56	10.93
PRESSED & BLOWN GLASS,NEC	413.84	406.43	398.29	414.92	42.1	41.6	40.6	41.7	9.83	9.77	9.81	9.95
CEMENT, HYDRAULIC	565.93	592.24	586.04	615.89	43.6	44.0	43.8	46.8	12.98	13.46	13.38	13.16
STRUCTURAL CLAY	382.85	398.04	393.96	370.72	41.3	42.3	42.0	41.1	9.27	9.41	9.38	9.02
POTTERY & RELATED PRODUCTS	402.60	404.33	398.20	398.67	40.1	40.8	39.9	41.1	10.04	9.91	9.98	9.70
CONCRETE, GYPSUM & PLASTER	440.37	431.48	412.28	414.88	46.6	46.0	44.0	44.9	9.45	9.38	9.37	9.24
OTHER STONE, CLAY & GLASS	446.96	437.72	453.26	438.43	41.5	41.1	42.6	41.4	10.77	10.65	10.64	10.59
PRIMARY METALS	539.22	534.65	525.01	513.75	43.0	42.5	41.9	41.1	12.54	12.58	12.53	12.50
BLAST FURNACE & BASIC STEEL	590.61	588.59	576.45	559.78	43.3	42.9	42.2	40.8	13.64	13.72	13.66	13.72
BLAST FURN. & STEEL MILLS	603.83	605.01	595.43	577.32	43.1	43.0	42.5	40.8	14.01	14.07	14.01	14.15
OTHER BASIC STEEL PRODUCTS	515.31	497.14	470.09	462.99	44.5	42.6	40.7	40.9	11.58	11.67	11.55	11.32
IRON AND STEEL FOUNDRIES	401.63	386.65	380.55	373.58	42.1	40.7	40.1	39.2	9.54	9.50	9.49	9.53

June 1987 data are preliminary and subject to revision.

TABLE 8
AVERAGE HOURS AND EARNINGS OF MANUFACTURING PRODUCTION WORKERS
IN PENNSYLVANIA BY INDUSTRY LINE: SECOND QUARTER 1987

INDUSTRY TITLE	AVERAGE WEEKLY EARNINGS				AVG WEEKLY HOURS				AVG HOURLY EARNINGS			
	JUNE 1987 P\	MAY 1987	APR 1987	JUNE 1986	JUNE 1987 P\	MAY 1987	APR 1987	JUNE 1986	JUNE 1987 P\	MAY 1987	APR 1987	JUNE 1986
NONFERROUS ROLLING & DRAWING	497.45	488.57	476.27	490.95	44.1	43.7	42.6	45.0	11.28	11.18	11.18	10.91
NONFERROUS FOUNDRIES	407.23	403.20	397.37	416.12	40.4	40.0	39.5	41.2	10.08	10.08	10.06	10.10
OTHER PRIMARY METALS	466.73	470.80	469.69	432.68	42.2	42.3	42.2	40.4	11.06	11.13	11.13	10.71
FABRICATED METAL PRODUCTS	442.00	426.82	427.25	426.54	42.5	41.6	41.4	41.9	10.40	10.26	10.32	10.18
METAL CANS & SHIPPING CONTRS	509.58	492.86	505.13	508.48	44.7	43.5	43.1	46.1	11.40	11.33	11.72	11.03
CUTLERY, TOOLS & HARDWARE	371.36	354.32	343.87	344.76	42.2	41.2	39.8	40.8	8.80	8.60	8.64	8.45
PLUMBING & HEATING, EXC. EL.	399.49	387.60	385.29	383.25	41.1	40.0	40.6	40.3	9.72	9.69	9.49	9.51
FAB. STRUCTURAL METAL PROD.	377.40	372.71	369.26	390.51	40.8	40.6	40.4	41.9	9.25	9.18	9.14	9.32
FAB. STRUCTURAL METAL	412.50	410.44	404.40	436.13	40.6	40.2	40.4	43.7	10.16	10.21	10.01	9.98
FAB. PLATE WORK	463.56	448.13	461.05	443.21	41.8	41.0	41.8	41.0	11.09	10.93	11.03	10.81
OTHER FAB. STRUC. PRODUCTS	338.99	335.75	328.80	359.06	40.5	40.5	40.0	41.8	8.37	8.29	8.22	8.59
SCREW MACHINERY PRODUCTS	460.51	449.59	451.62	450.70	43.9	42.9	43.3	43.8	10.49	10.48	10.43	10.29
METAL FORGINGS & STAMPINGS	626.47	579.04	585.61	558.57	46.2	43.9	43.8	43.3	13.56	13.19	13.37	12.90
METAL SERVICES & ORDNANCE	407.41	397.79	396.36	371.70	40.7	40.1	39.4	39.5	10.01	9.92	10.06	9.41
MISC. FABRICATED METAL PROD.	428.56	422.10	419.74	402.70	42.6	42.0	41.6	40.8	10.06	10.05	10.09	9.87
VALVES & PIPE FITTINGS	454.21	441.94	423.12	429.08	44.4	43.2	41.0	41.1	10.23	10.23	10.32	10.44
OTHER MISC. FAB. METALS	414.34	410.52	417.32	387.73	41.6	41.3	41.9	40.6	9.96	9.94	9.96	9.55
NONELECTRICAL MACHINERY	462.01	450.78	441.41	443.15	42.7	41.7	41.1	41.3	10.82	10.81	10.74	10.73
ENGINES AND TURBINES	538.81	558.14	529.20	577.23	40.3	41.1	39.2	44.3	13.37	13.58	13.50	13.03
FARM & GARDEN MACHINERY	601.29	562.67	572.03	540.76	45.9	44.2	44.9	44.0	13.10	12.73	12.74	12.29
CONSTRUCTION & RELATED MACH.	462.16	451.25	424.40	446.48	41.9	40.8	38.9	40.7	11.03	11.06	10.91	10.97
METAL WORKING MACHINERY	457.52	445.05	448.51	443.35	42.6	41.4	41.8	40.6	10.74	10.75	10.73	10.92
SPECIAL INDUSTRIAL MACHINERY	491.71	484.58	468.59	456.46	46.3	45.5	44.5	42.9	10.62	10.65	10.53	10.64
GENERAL INDUSTRIAL MACHINERY	488.42	476.72	471.38	456.78	43.3	42.3	41.9	41.3	11.28	11.27	11.25	11.06
REFRIG. & SERV. MACHINERY	426.12	410.06	399.20	410.00	41.9	40.6	40.0	41.0	10.17	10.10	9.98	10.00
MISC. MACHINERY, EXC. ELEC.	417.90	411.42	406.89	402.87	42.0	41.7	41.1	40.9	9.95	9.89	9.90	9.85

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TABLE 8

AVERAGE HOURS AND EARNINGS OF MANUFACTURING PRODUCTION WORKERS
IN PENNSYLVANIA BY INDUSTRY LINE: SECOND QUARTER 1987

INDUSTRY TITLE	AVERAGE WEEKLY EARNINGS				AVG WEEKLY HOURS				AVG HOURLY EARNINGS			
	JUNE 1987 P\	MAY 1987	APR 1987	JUNE 1986	JUNE 1987 P\	MAY 1987	APR 1987	JUNE 1986	JUNE 1987 P\	MAY 1987	APR 1987	JUNE 1986
ELECTRIC AND ELECTRONIC MACH.	408.59	402.79	404.00	399.37	40.9	40.4	40.4	41.3	9.99	9.97	10.00	9.67
ELECTRICAL DISTRIBUTING EQ.	442.64	428.58	432.13	443.83	43.1	42.1	42.2	43.9	10.27	10.18	10.24	10.11
ELECTRICAL INDUSTRIAL APPAR.	421.34	423.95	407.03	400.44	41.8	42.1	40.5	42.6	10.08	10.07	10.05	9.40
HOUSEHOLD APPLIANCES	390.70	366.03	337.84	339.82	41.3	39.7	35.6	36.5	9.46	9.22	9.49	9.31
ELECTRICAL LIGHTING & WIRING	393.05	392.60	384.31	364.80	40.9	40.6	40.2	40.0	9.61	9.67	9.56	9.12
CURRENT CARRYING DEVICES	435.63	437.81	437.15	410.18	42.5	42.3	42.9	41.6	10.25	10.35	10.19	9.86
OTHER LIGHTING & WIRING	354.21	352.68	337.93	326.63	39.4	39.1	37.8	38.7	8.99	9.02	8.94	8.44
COMMUNICATION EQUIPMENT	345.05	347.94	331.50	314.67	39.3	40.6	39.7	38.8	8.78	8.57	8.35	8.11
ELECTRONIC COMPONENTS & ACC.	438.62	431.94	454.44	447.94	40.5	39.7	41.2	42.1	10.83	10.88	11.03	10.64
OTHER ELECTRICAL EQUIPMENT	357.29	343.88	343.20	357.54	40.1	38.9	39.0	40.4	8.91	8.84	8.80	8.85
TRANSPORTATION EQUIPMENT	491.15	483.48	483.59	477.19	41.1	40.8	40.4	40.1	11.95	11.85	11.97	11.90
MOTOR VEHICLES AND EQUIPMENT	484.51	477.41	478.76	477.20	41.2	40.7	40.3	40.0	11.76	11.73	11.88	11.93
MOTOR VEHICLE PARTS & ACC.	445.74	436.62	444.29	522.83	39.1	38.3	38.5	42.3	11.40	11.40	11.54	12.36
OTHER MOTOR VEHICLES & EQ.	520.99	516.00	510.72	441.59	43.2	43.0	42.0	38.2	12.06	12.00	12.16	11.56
SHIP & BOAT BUILDING & REPR.	478.93	458.38	454.21	450.87	42.8	41.0	40.7	39.9	11.19	11.18	11.16	11.30
RAILROAD EQUIPMENT	473.41	461.13	455.42	460.98	38.9	38.3	37.7	39.0	12.17	12.04	12.08	11.82
OTHER TRANSPORTATION EQUIP.	476.15	472.51	467.19	444.31	42.4	42.8	41.9	40.1	11.23	11.04	11.15	11.08
INSTRUMENTS AND RELATED PROD.	420.99	416.75	411.07	403.60	41.6	41.1	40.7	41.1	10.12	10.14	10.10	9.82
MEASURING & CONTROLLING DEV.	487.48	477.86	456.96	445.40	44.6	43.6	42.0	41.9	10.93	10.96	10.88	10.63
MEDICAL INSTRUMENTS & SUPPL.	362.11	358.16	370.36	364.31	38.4	37.9	38.7	40.3	9.43	9.45	9.57	9.04
OTHER INSTRUMENTS & RELATED	379.09	384.08	384.05	382.99	40.2	40.6	40.9	40.7	9.43	9.46	9.39	9.41
MISCELLANEOUS MANUFACTURES	413.76	403.69	408.31	373.82	43.6	42.9	42.8	40.5	9.49	9.41	9.54	9.23
NONDURABLE GOODS	357.01	356.40	348.81	339.47	39.8	39.6	38.8	39.2	8.97	9.00	8.99	8.66
FOOD AND KINDRED PRODUCTS	391.02	391.78	385.09	387.60	39.9	40.1	39.7	40.8	9.80	9.77	9.70	9.50

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TABLE 8
AVERAGE HOURS AND EARNINGS OF MANUFACTURING PRODUCTION WORKERS
IN PENNSYLVANIA BY INDUSTRY LINE: SECOND QUARTER 1987

INDUSTRY TITLE	AVERAGE WEEKLY EARNINGS				AVG WEEKLY HOURS				AVG HOURLY EARNINGS			
	JUNE 1987 P\	MAY 1987	APR 1987	JUNE 1986	JUNE 1987 P\	MAY 1987	APR 1987	JUNE 1986	JUNE 1987 P\	MAY 1987	APR 1987	JUNE 1986
MEAT PRODUCTS	318.35	315.52	293.76	307.26	40.4	40.4	38.2	38.6	7.88	7.81	7.69	7.96
DAIRY PRODUCTS	380.45	376.65	391.19	365.04	41.9	40.5	42.2	43.2	9.08	9.30	9.27	8.45
FLUID MILK	415.52	408.63	433.33	383.66	41.1	40.7	42.4	42.3	10.11	10.04	10.22	9.07
OTHER DAIRY PRODUCTS	359.55	355.85	362.90	354.84	42.4	40.3	42.1	43.7	8.48	8.83	8.62	8.12
PRESERVED FRUIT & VEGETABLES	362.78	375.46	392.50	399.36	38.8	39.9	40.8	41.6	9.35	9.41	9.62	9.60
CANNED FRUITS & VEGETABLES	288.39	286.90	279.35	289.01	37.6	37.9	37.0	37.1	7.67	7.57	7.55	7.79
OTHER PRES. FRUITS & VEGS.	398.73	418.41	454.74	454.21	39.4	40.9	42.9	43.8	10.12	10.23	10.60	10.37
GRAIN MILL PRODUCTS	533.23	483.52	476.08	538.49	43.6	40.7	40.9	45.1	12.23	11.88	11.64	11.94
BAKERY PRODUCTS	403.85	396.08	393.86	362.84	39.4	39.1	38.5	38.6	10.25	10.13	10.23	9.40
SUGAR & CONFECTION PRODUCTS	405.91	418.11	403.48	399.06	37.9	38.5	38.1	39.2	10.71	10.86	10.59	10.18
BEVERAGES	517.88	531.62	525.43	552.66	41.2	42.7	41.8	45.3	12.57	12.45	12.57	12.20
OTHER FOOD & KINDRED PRODS.	341.54	356.34	338.20	339.90	38.9	41.1	40.6	41.2	8.78	8.67	8.33	8.25
TOBACCO PRODUCTS	243.49	248.68	238.60	244.77	39.4	40.7	39.9	39.8	6.18	6.11	5.98	6.15
TEXTILE PRODUCTS	277.31	275.32	270.82	279.35	39.9	39.5	38.8	40.9	6.95	6.97	6.98	6.83
WEAVING MILLS SYNTHETICS	306.27	305.24	285.68	301.49	41.5	41.7	39.9	41.7	7.38	7.32	7.16	7.23
KNITTING MILLS	252.46	246.28	247.50	259.20	38.9	37.6	37.5	40.5	6.49	6.55	6.60	6.40
KNIT OUTERWEAR MILLS	237.07	224.47	232.51	259.56	38.8	35.8	36.5	41.2	6.11	6.27	6.37	6.30
KNIT UNDERWEAR MILLS	237.37	241.38	228.14	232.03	39.3	39.7	37.4	39.8	6.04	6.08	6.10	5.83
OTHER KNITTING MILLS	283.71	278.82	283.14	279.90	38.6	38.3	39.0	40.1	7.35	7.28	7.26	6.98
FLOOR COVERING MILLS	361.30	383.26	385.76	374.13	38.6	40.6	40.1	40.1	9.36	9.44	9.62	9.33
YARN AND THREAD MILLS	231.46	238.00	227.86	230.84	38.9	39.8	37.6	39.8	5.95	5.98	6.06	5.80
OTHER TEXTILE MILL PRODUCTS	286.90	277.30	272.28	287.85	41.4	40.6	40.1	41.9	6.93	6.83	6.79	6.87
APPAREL AND RELATED PRODUCTS	212.89	206.74	199.58	201.14	35.9	35.1	33.6	34.5	5.93	5.89	5.94	5.83
MENS AND BOYS SUITS & COATS	256.31	254.54	253.46	255.59	36.1	35.6	35.8	35.4	7.10	7.15	7.08	7.22
MENS AND BOYS FURNISHINGS	219.07	208.66	206.74	207.01	38.5	36.8	35.4	36.9	5.69	5.67	5.84	5.61
WOMENS AND MISSES OUTERWEAR	196.62	187.35	178.41	181.69	33.9	33.1	31.3	32.1	5.80	5.66	5.70	5.66

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TABLE 8
AVERAGE HOURS AND EARNINGS OF MANUFACTURING PRODUCTION WORKERS
IN PENNSYLVANIA BY INDUSTRY LINE: SECOND QUARTER 1987

INDUSTRY TITLE	AVERAGE WEEKLY EARNINGS				AVG WEEKLY HOURS				AVG HOURLY EARNINGS			
	JUNE 1987 P\	MAY 1987	APR 1987	JUNE 1986	JUNE 1987 P\	MAY 1987	APR 1987	JUNE 1986	JUNE 1987 P\	MAY 1987	APR 1987	JUNE 1986
WOMENS & KIDS UNDERGARMENTS	213.79	208.07	199.08	194.14	38.8	37.9	36.0	36.7	5.51	5.49	5.53	5.29
CHILDRENS OUTERWEAR	199.98	190.14	178.09	188.91	34.9	33.3	30.6	34.1	5.73	5.71	5.82	5.54
OTHER APPAREL & TEXTILE PROD	220.52	225.38	215.99	215.92	37.0	37.5	36.3	37.1	5.96	6.01	5.95	5.82
PAPER PRODUCTS	467.19	470.29	457.68	448.16	44.2	44.2	43.3	43.3	10.57	10.64	10.57	10.35
PAPER MILLS, EXC. BUILDING	559.47	551.68	528.20	551.41	47.9	47.6	45.3	47.7	11.68	11.59	11.66	11.56
PAPERBOARD CONTAINER & BOXES	424.89	427.28	407.04	400.86	43.4	43.6	42.4	41.8	9.79	9.80	9.60	9.59
CORRUGATED & SOLID BOXES	452.03	454.05	435.93	415.47	44.8	45.0	43.9	42.7	10.09	10.09	9.93	9.73
OTHER PAPERBOARD PRODUCTS	396.37	400.06	376.18	386.10	41.9	42.2	40.8	40.9	9.46	9.48	9.22	9.44
OTHER PAPER & ALLIED PRODS.	460.28	468.07	464.83	440.06	43.3	43.3	43.2	42.6	10.63	10.81	10.76	10.33
PRINTING AND PUBLISHING	427.28	431.60	424.34	400.53	39.6	40.0	39.4	39.0	10.79	10.79	10.77	10.27
NEWSPAPERS	426.56	436.10	437.85	376.74	34.4	35.0	35.0	32.2	12.40	12.46	12.51	11.70
COMMERCIAL PRINTING	453.91	464.26	459.13	430.11	40.6	41.6	41.4	40.5	11.18	11.16	11.09	10.62
OTHER PRINTING & PUBLISHING	394.28	387.99	375.71	378.62	40.9	40.5	39.3	40.8	9.64	9.58	9.56	9.28
CHEMICAL AND ALLIED PRODUCTS	508.38	507.04	494.06	482.47	43.6	43.3	42.3	42.1	11.66	11.71	11.68	11.46
INDUSTRIAL INORGANICS	533.05	532.07	515.57	528.33	44.2	43.9	43.0	43.7	12.06	12.12	11.99	12.09
PLASTIC MATERIALS & SYNTHET.	622.98	620.05	593.19	581.46	46.7	46.1	45.7	44.9	13.34	13.45	12.98	12.95
DRUGS	522.59	515.64	515.53	485.58	42.8	42.3	42.5	39.9	12.21	12.19	12.13	12.17
SOAPS, CLEANERS & TOILET GDS	482.40	480.34	428.24	455.82	45.0	44.6	38.1	42.6	10.72	10.77	11.24	10.70
PAINTS AND ALLIED PRODUCTS	492.68	500.80	495.65	472.06	43.6	43.7	43.1	44.2	11.30	11.46	11.50	10.68
OTHER CHEMICAL & ALLIED PROD	446.48	450.50	444.98	429.29	42.2	42.3	41.9	41.8	10.58	10.65	10.62	10.27
PETROLEUM AND COAL PRODUCTS	554.93	564.98	574.25	543.35	42.2	42.1	42.6	41.7	13.15	13.42	13.48	13.03
PETROLEUM REFINING	590.20	605.90	621.53	576.55	41.1	41.7	42.6	41.3	14.36	14.53	14.59	13.96
OTHER PETROLEUM & COAL PRODS	450.15	442.25	413.65	418.39	45.7	43.4	42.6	43.0	9.85	10.19	9.71	9.73
RUBBER AND PLASTICS PRODUCTS	382.63	379.99	377.78	344.76	42.8	42.6	42.4	40.8	8.94	8.92	8.91	8.45

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INDUSTRY TITLE	AVERAGE WEEKLY EARNINGS				AVG WEEKLY HOURS				AVG HOURLY EARNINGS			
	JUNE 1987 P\	MAY 1987	APR 1987	JUNE 1986	JUNE 1987 P\	MAY 1987	APR 1987	JUNE 1986	JUNE 1987 P\	MAY 1987	APR 1987	JUNE 1986
TIRES AND INNER TUBES	367.14	368.70	359.89	326.76	43.5	44.8	43.1	42.0	8.44	8.23	8.35	7.78
FABRICATED RUBBER PRODUCTS	477.04	473.54	450.45	441.96	44.5	44.8	42.9	43.5	10.72	10.57	10.50	10.16
OTHER RUBBER & PLASTICS PROD	374.03	372.27	371.39	335.75	42.6	42.4	42.3	40.5	8.78	8.78	8.78	8.29
LEATHER PRODUCTS	223.27	224.10	219.13	216.41	38.1	37.6	36.1	38.1	5.86	5.96	6.07	5.68
FOOTWEAR, EXC. RUBBER	200.30	199.84	188.17	196.79	37.3	36.6	34.4	37.2	5.37	5.46	5.47	5.29
OTHER LEATHER PRODUCTS	308.25	308.32	328.50	287.04	41.1	41.0	41.9	41.3	7.50	7.52	7.84	6.95
NONMANUFACTURING INDUSTRIES												
MINING												
ANTHRACITE COAL	414.28	395.37	385.44	444.31	36.5	34.5	33.4	40.8	11.35	11.46	11.54	10.89
BITUMINOUS COAL & LIGNITE	642.96	644.23	617.42	551.76	42.3	42.3	40.7	38.0	15.20	15.23	15.17	14.52
NONMETALLIC MINERALS	480.34	477.56	446.88	471.53	47.7	47.9	45.6	47.2	10.07	9.97	9.80	9.99
PUBLIC UTILITIES												
COMMUNICATIONS	515.35	512.60	527.75	538.76	39.4	39.1	39.8	40.6	13.08	13.11	13.26	13.27
ELECTRIC, GAS AND SANITARY	638.50	633.01	638.06	600.06	43.2	42.8	43.2	42.8	14.78	14.79	14.77	14.02
ELECTRIC SERVICES	630.38	610.14	617.48	597.37	43.0	42.4	43.0	43.1	14.66	14.39	14.36	13.86
GAS PRODUCTION & DIST.	513.67	525.84	529.31	498.58	40.8	40.7	41.0	40.7	12.59	12.92	12.91	12.25
RETAIL TRADE												
GENERAL MERCHANDISE STORES	179.58	179.55	180.52	181.18	29.2	29.1	29.4	29.8	6.15	6.17	6.14	6.08

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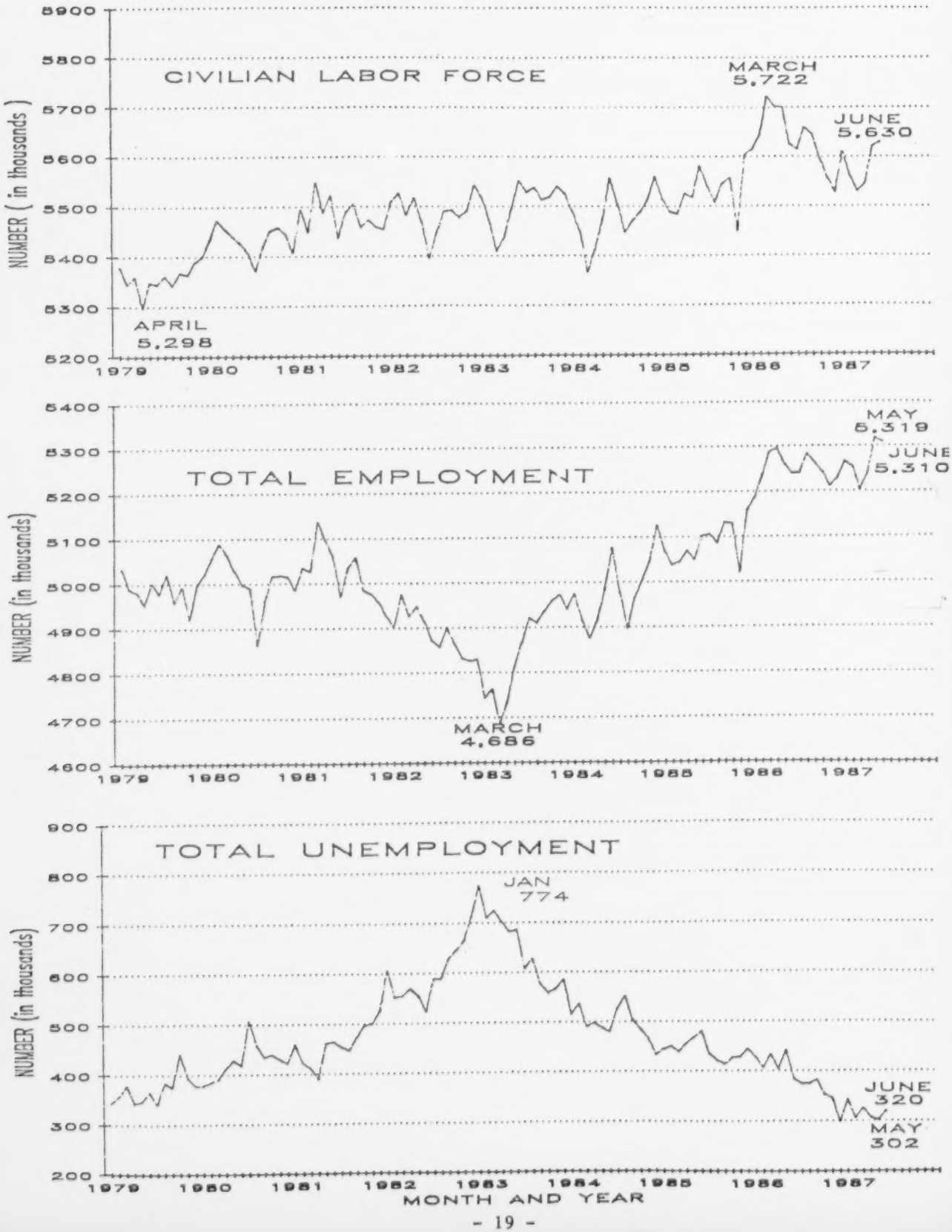
PENNSYLVANIA ECONOMIC INDICATORS

SEASONALLY ADJUSTED



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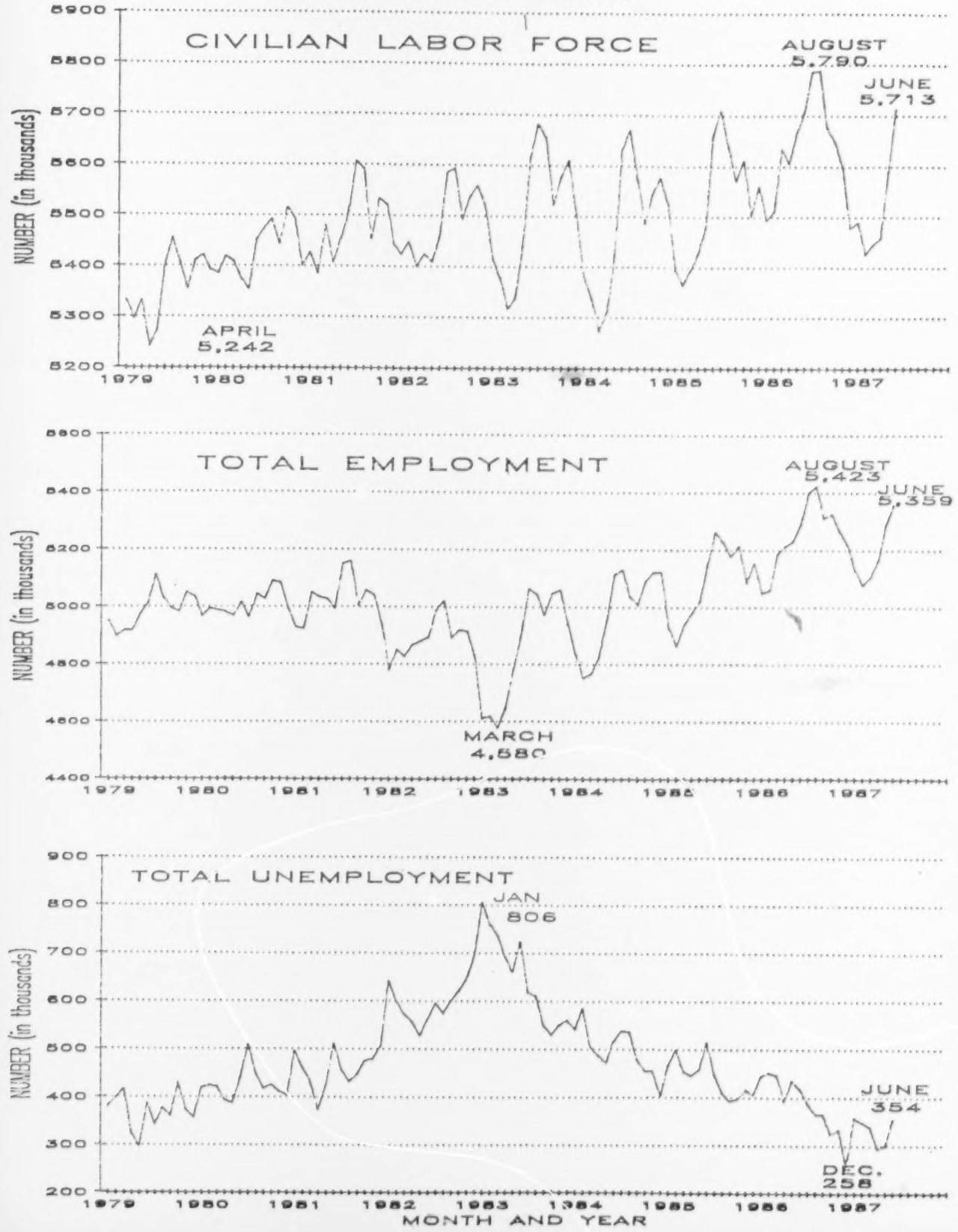

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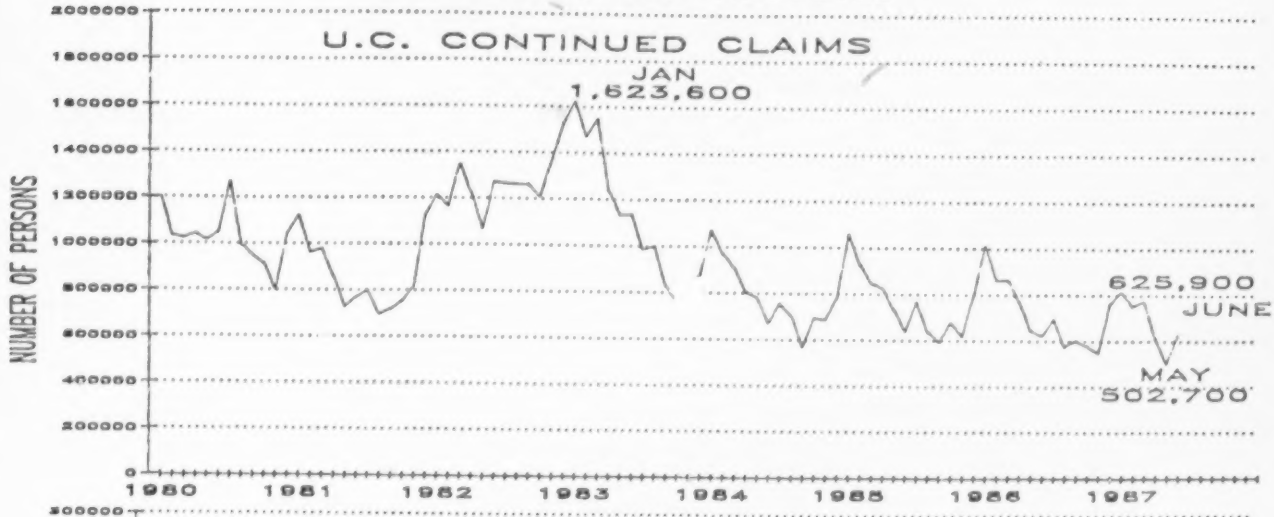

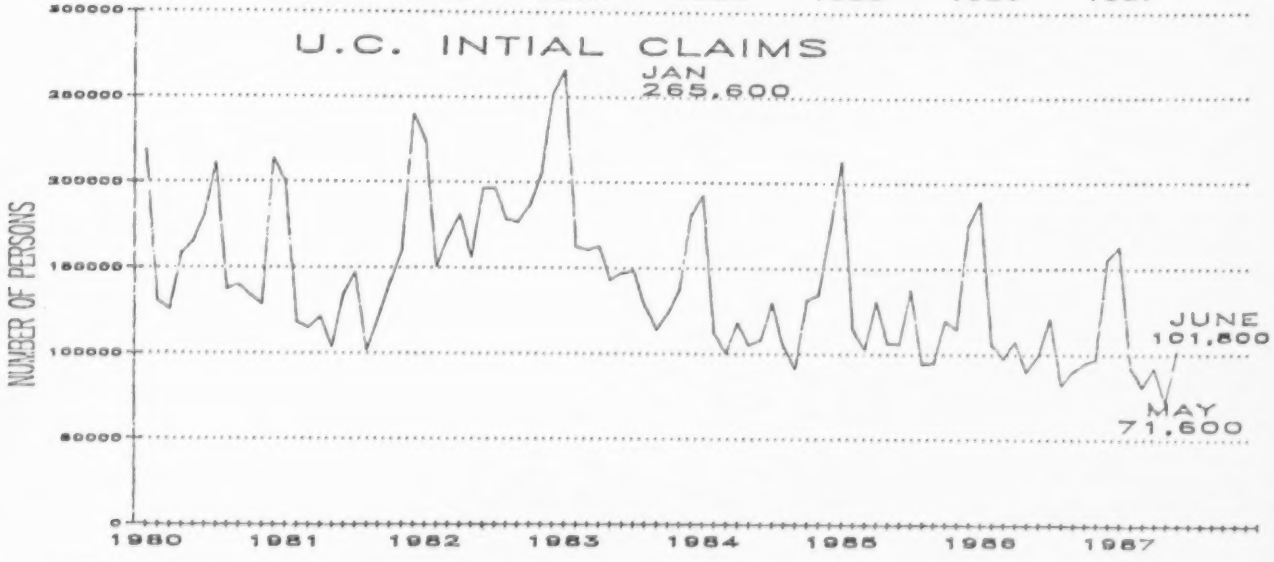

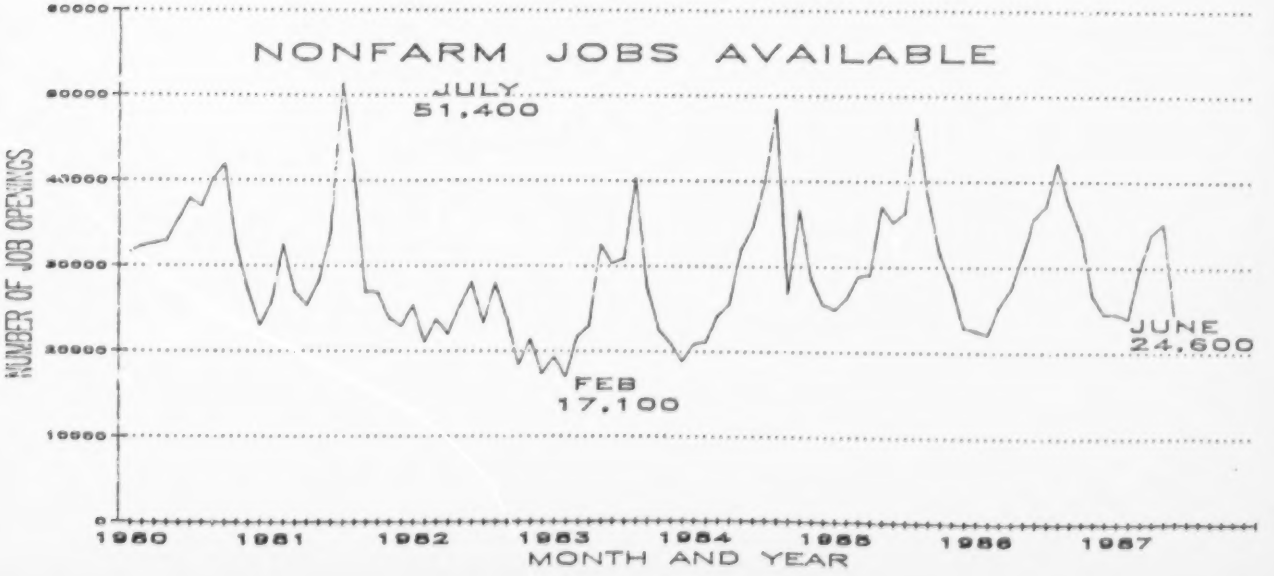

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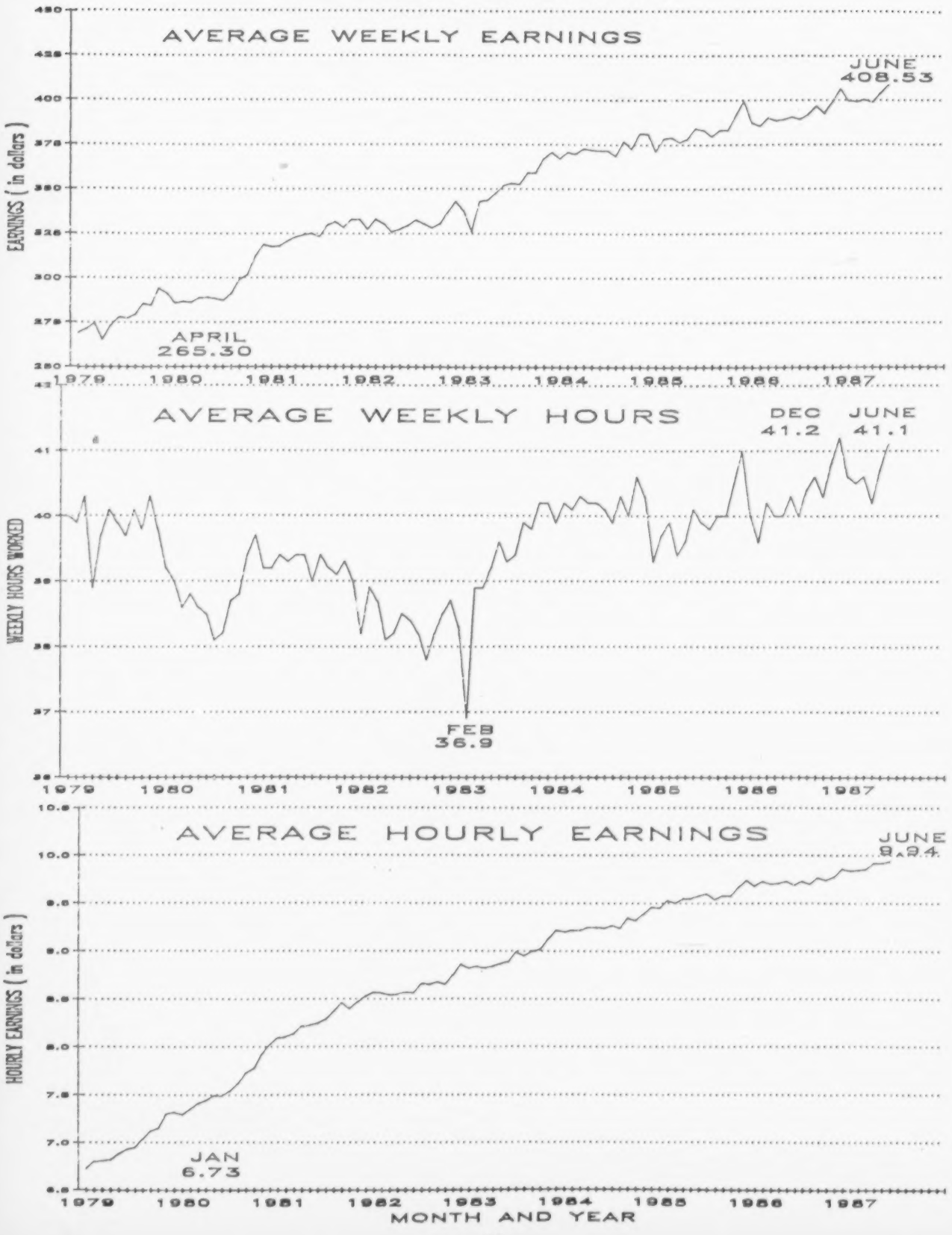
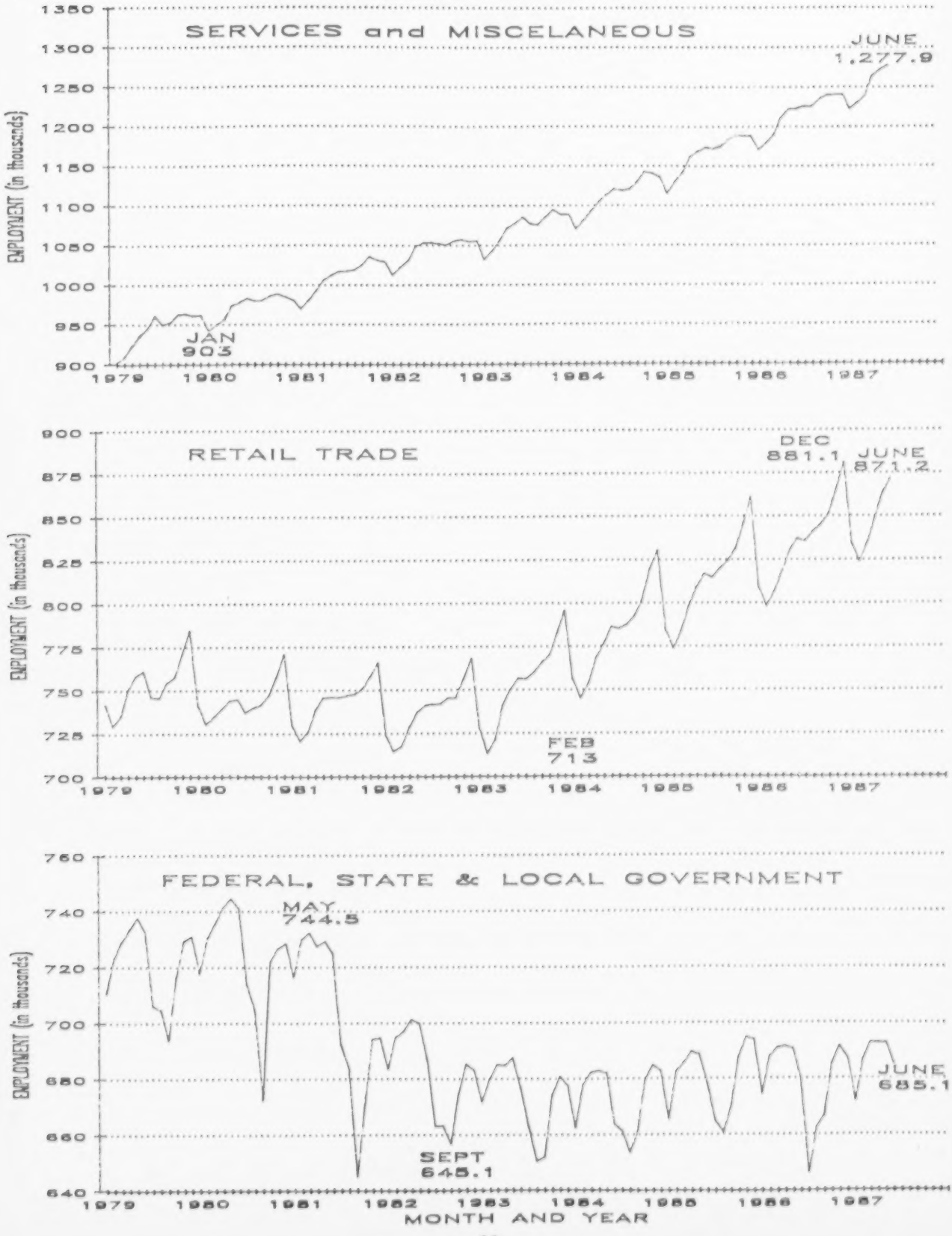
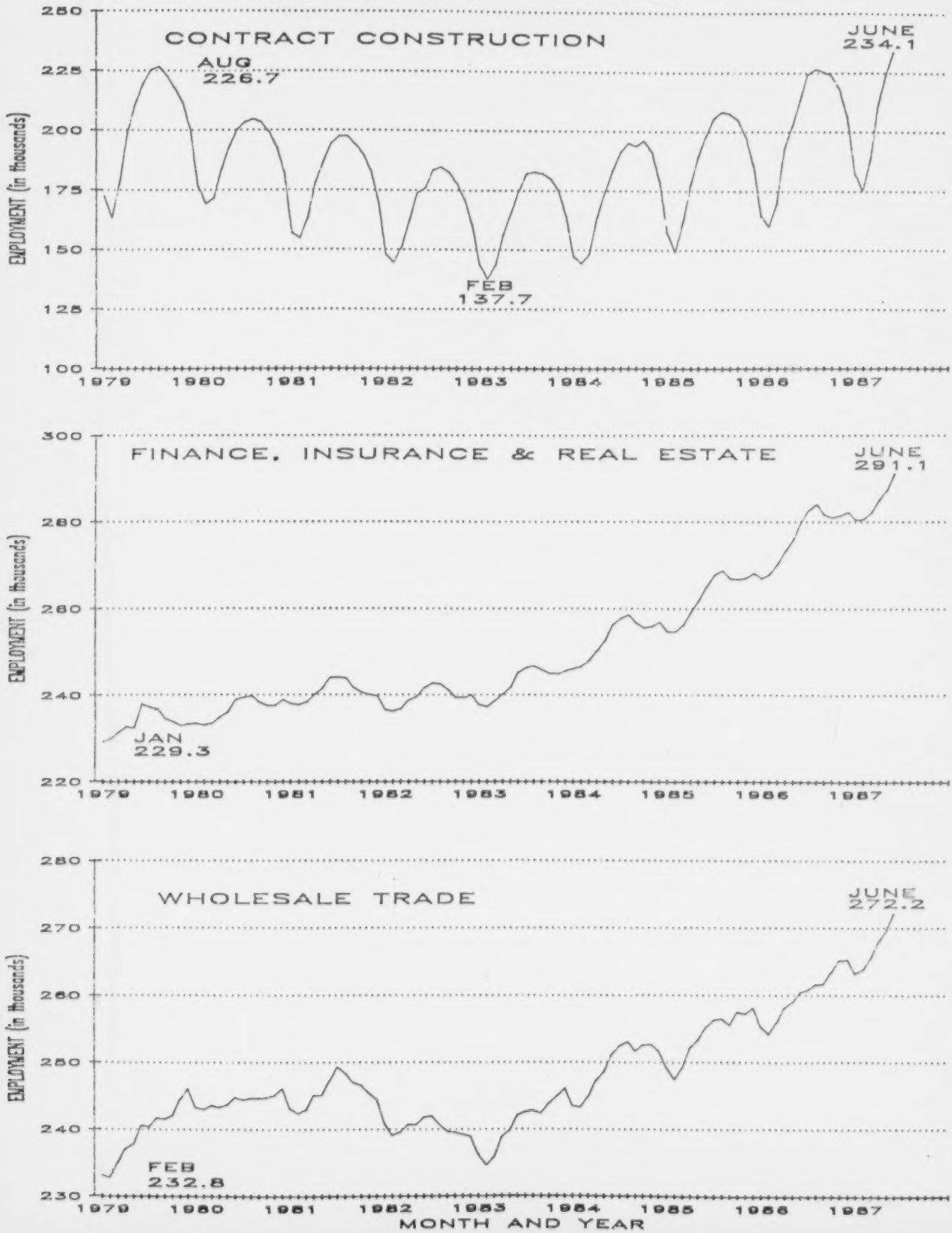


PENNSYLVANIA ECONOMIC INDICATORS
ESTABLISHMENT EMPLOYMENT



PENNSYLVANIA ECONOMIC INDICATORS

ESTABLISHMENT EMPLOYMENT



PENNSYLVANIA ECONOMIC INDICATORS
NOT SEASONALLY ADJUSTED